

Substitute for form 1449(PTO)				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number		09/933,972	
		Filing Date		2001-08-20	
		First Named Inventor		PHILIP HAWKES	
		Art Unit		2439	
Examiner Name		SIMITOSKI, MICHAEL J			
Sheet	1	of	11	Attorney Docket No: 010497	

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² <small>If known</small>		
	001	US5164988	11-17-1992	MATYAS; Stephen M. et al.
	002	US5237612	08-17-1993	RAITH; Alex K.
	003	US5241598	08-31-1993	RAITH; Krister A.
	004	US5748736	05-05-1998	MITTRA; Suvo.
	005	US5778059	07-07-1998	LOGHMANI; Masoud. et al.
	006	US6295361	09-25-2001	KADANSKY; Miriam C. et al.
	007	US6473858	10-29-2002	SHIMOMURA; Tsutomu. et al.
	008	US6658463	12-02-2003	DILLON; Douglas M. et al.
	009	US6862684	03-01-2005	DIGIORGIO; Rinaldo.
	010	US6959384	10-25-2005	SERRET-AVILA; Xavier.
	011	US7069436	06-27-2006	AKACHI; Masateru.
	012	US7181620	02-20-2007	HUR; Matthew.
	013	US20020014159	02-07-2002	TATSUMI; Yasuo. et al.
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	019	US20030087653	05-08-2003	LEUNG; Nikolai K.N. et al.
	020	US20030123669	07-03-2003	KOUKOULIDIS; Vassilios. et al.

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		Number-Kind Code ² (if known)			
021	US20030126440		07-03-2003	GO; Naomi, et al.	
022	US20030135748		07-17-2003	YAMADA; Kazuhiro, et al.	
023	US20030217057		11-20-2003	KUROIWA; Minoru, et al.	
024	US20040151317		08-05-2004	HYPPA; Timo, et al.	
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026	US20040243808		12-02-2004	ISHIGURO; Ryuji, et al.	
027	US20050063544		03-24-2005	UUSITALO; Ilkka, et al.	
028	US20050165711		07-28-2005	HAMATSU; Makoto.	
029	US20050238315		10-27-2005	KATAOKA; Mitsutoku.	
030	US20070116282		05-24-2007	HAWKES; Philip Michael et al.	
031	US20070280169		12-06-2007	CAM WINGET; Nancy	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ , Number ⁴ , Kind Code ⁵ (if known)				
032	JP2003124927		04-25-2003	SONY CORP		☒
033	JP2001136507A		05-18-2001	SONY CORP.		☒
034	JP2001177564A		06-29-2001	HITACHI LTD.		☒

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035	JP2002064785A		02-28-2002	SONY CORP.		<input type="checkbox"/>
036	JP2002232418A		08-16-2002	LUCENT TECHNOLOGIES INC.		<input type="checkbox"/>
037	JP2003099327A		04-04-2003	AKASE YOICHI.		<input type="checkbox"/>
038	JP2003259284A		09-12-2003	TOSHIBA CORP.		<input type="checkbox"/>
039	JP2003297015A		10-17-2003	TOSHIBA CORP.		<input type="checkbox"/>
040	JP2004048718A		02-12-2004	MATSUSHITA ELECTRIC IND CO LTD.		<input type="checkbox"/>
041	JP5216411A		08-27-1993	IBM.		<input type="checkbox"/>
042	JP000513519		10-10-2000	NOKIA TELECOMMUNICATIONS OY.		<input type="checkbox"/>
043	JP11510668T		09-14-1999	ICO SERVICES LTD.		<input type="checkbox"/>
044	JP2002505458T		02-19-2002	TELEFONAKTIEBOLAGET ERICSSON LM.		<input type="checkbox"/>
045	JP2002521879T		07-16-2002	CANAL SOCIETE ANONYME.		<input type="checkbox"/>
046	JP2003339000A		11-28-2003	NEC CORP		<input type="checkbox"/>
047	KR200130725		04-16-2001	TELEFONAKTIEBOLAGET LM.		<input type="checkbox"/>
048	WO0004718A1		01-27-2000	CANAL PLUS SA [FR], ET AL.		<input type="checkbox"/>
049	WO02080454A2		10-10-2002	QUALCOMM INC [US].		<input type="checkbox"/>
050	WO2004025895A1		03-25-2004	ERICSSON TELEFON AB L M [SE], ET AL.		<input type="checkbox"/>
051	WO9716890A2		05-09-1997	ERICSSON GE MOBILE INC [US].		<input type="checkbox"/>
052	WO9944114A1		09-02-1999	ERICSSON TELEFON AB L M [SE].		<input type="checkbox"/>

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Examiner Name		SIMITOSKI, MICHAEL J			
Sheet	4	of	11	Attorney Docket No: 010497	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T s
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
053	WO00072609A1		11-30-2000	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
054	EP0636963A2		02-01-1995	IBM [US] et al.		
055	EP0702477A2		03-20-1996	SUN MICROSYSTEMS INC [US] et al.		<input type="checkbox"/>
056	EP0748058A2		12-11-1996	AT & T CORP [US] et al.		
057	EP0813309A2		12-17-1997	LUCENT TECHNOLOGIES INC [US] et al.		
058	EP0854618A2		07-22-1998	LUCENT TECHNOLOGIES INC [US] et al.		
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060	EP0928084A2		07-07-1999	MITSUBISHI ELECTRIC CORP [JP] et al.		
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062	EP1001570A2		05-17-2000	LUCENT TECHNOLOGIES INC [US] et al.		
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067	EP1185125A1		03-06-2002	NTT DOCOMO INC [JP] et al.		
068	EP1190526A1		3-27-2002	ERICSSON TELEFON AB L M [SE]		

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	069	GB2346512A	08-09-2000	NEC CORP [JP] et al.	
	070	JP10063598A	03-06-1998	NIPPON TELEGRAPH & TELEPHONE et al.	
	071	JP10200536A	07-31-1998	TOSHIBA CORP et al.	
	072	JP11313059A	11-09-1999	NIPPON TELEGRAPH & TELEPHONE et al.	
	073	JP11355460A	12-24-1999	MEIDENSHA ELECTRIC MFG CO LTD et al.	
	074	JP2000165258A	06-16-2000	YRP IDO TSUSHIN KIBAN GIJUTSU; TOSHIBA CORP et al.	
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	079	RU2091983C1	09-27-1997	CHIZHUKHIN GENNADIJ N [SU] et al.	
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	081	RU2147792C1	04-20-2000	MOTOROLA INC [US] et al.	
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	084	WO0013356A1	03-09-2000	MOTOROLA INC [US] et al.	

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085	WO0057601A1		09-28-2000	NOKIA NETWORKS OY [FI] et al.		
086	WO0062547A1		10-19-2000	OPENTV INC [US] et al.		
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088	WO0078008A1		12-21-2000	SSH COMM SECURITY LTD [FI] et al.		
089	WO0101630A1		01-04-2001	ERICSSON TELEFON AB L M [SE] et al.		
090	WO02054663A2		07-11-2002	QUALCOMM INC [US] et al.		
091	WO0247407A2		06-13-2002	QUALCOMM INC [US] et al.		
092	WO8607224A1		12-04-1986	SCIENTIFIC ATLANTA [US] et al.		
093	WO9715161A1		04-24-1997	NOKIA TELECOMMUNICATIONS OY [FI] et al.		
094	WO9825422A1		06-11-1998	NOKIA TELECOMMUNICATIONS OY [FI] et al.		
095	WO9959355A2		11-18-1999	NOKIA NETWORKS OY [FI] et al.		
096	WO03063418A1		07-31-2003	QUALCOMM INC [US]		

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	097	PANNETRAT et al., Authenticating Real-Time Packet Streams And Multicasts, 2002 IEEE, Computers and Communications, 2002. Proceedings. ISCC 2002, Seventh International Symposium on, pp 490 – 495.	
	098	BAUGHER et al: "The Secure Real Time Transport Protocol (Draft 09)" INTERNET ENGINEERING TASK FORCE, AVT WORKING GROUP, INTERNET -DRAFT, July 2003, XP002320685.	
	099	MEIER J. D. et al: "Building Secure ASP.NET Applications: Authentication, Authorization, and Secure Communication: Cryptography and Certificates" MICROSOFT PATTERNS & PRACTICES, November 2002, pages 1-5, XP002321827.	
	0100	ASAKA et al., "Dynamic Multicast Routing Using Predetermined Path Search". Technical Report of IEICE (The Institute of Electronics, Information and Communication Engineers), SSE95-56 IN99-37 CS99-78, September 27, 1999.	
	0101	TADAUMI, "IP Technology as Communication Infra." The Institute of Electronics Information and Communication Engineers, column 83, No. 4, April 2000, pages 286-294.	
	0102	WILLIAM Stallings: "Cryptography and network security: Principles and Practice" Second Edition, 1999, Prentice Hall, New Jersey.	
	0103	"Functional Model of a Conditional Access System", EBU Review - Technical European Broadcasting Union, Brussels, BE, No.266, Dec 21, 1995, pages 64-77; XP000559450.	
	0104	"TIA/EIA/IS-95-B Mobile Station-Base Station Compatibility Standard For Dual-Mode Wideband Spread Spectrum Cellular System." (IS-95 STANDARD).	
	0105	010497 International Search Report PCT/US02/009835. ISA, EPO, 7/8/02.	
	0106	3G TS 25.213 V4.1.0 (2001-06) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and Modulation (FDD)(Release 4).	
	0107	3GPP TS 25.211 V4.2.0 (2001-09) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical Channels and Mapping of Transport Channels Onto Physical Channels (FDD)(Release 4).	
	0108	3GPP TS 25.212 V4.2.0 (2001-09) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and Channel Coding (FDD)(Release 4).	
	0109	3GPP TS 25.214 V4.2.0 (2001-09) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical Layer Procedures (FDD)(Release 4).	

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Substitute for form 1449/PTO				Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/933,972	
		Filing Date	2001-08-20	
		First Named Inventor	PHILIP HAWKES	
		Art Unit	2439	
Examiner Name	SIMITOSKI, MICHAEL J			
Sheet	8	of	11	Attorney Docket No: 010497

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
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Sheet	9	of	11	Attorney Docket No: 010497	

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		Radio Communications, vol.2, September 18-21, 2000, London, pages 1550-1554.	
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0125	MENEZES, A et al.: "Handbook of Applied Cryptography," Chapter 13, pp. 543-590, CRC Press (1996).		
0126	MIYAZAKI: "A Stream-data Multicast Protocol Using IP Unicast Address" Technical Report of IEICE, IN2001-9, May 11, 2001.		
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0140	YOU XIAOHU, "D&R Progress On China's 3G Mobile Communications", Telecom Science, VOL. 2, 2001, Pages 11-17.		

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